

Claims

1. A fuel container for a fuel cell, comprising:

a container body, which is provided with a liquid fuel chamber for storage of liquid fuel and a discharge means
5 accommodating chamber for accommodating means for discharging the liquid fuel;

a valve disposed in the container body to discharge or shut off the liquid fuel; and

a partition wall member disposed slidably in the interior
10 of the container body,

wherein the partition wall member partitions the interior of the container body into the liquid fuel chamber and the discharge means accommodating chamber, the liquid fuel chamber and the discharge means accommodating chamber are in
15 communication with each other through the partition wall member, and at least one of sliding surfaces of the container body and the partition wall member contains a material of a low frictional coefficient not dissolving out into the liquid fuel.

2. A fuel container for a fuel cell according to claim 1,
20 wherein the container body has a connecting portion for connecting the valve to a fuel cell.

3. A fuel container for a fuel cell according to claim 1, wherein the container body has a connecting portion for connecting the valve to a liquid fuel container installed in
25 a fuel cell.

4. A fuel container for a fuel cell according to claim 1, which is constructed so as to be loaded to a device with the fuel cell installed therein.

5 5. A fuel container for a fuel cell according to claim 1, wherein the valve is urged in the direction of a nozzle outlet by means of a spring.

6. A fuel container for a fuel cell according to claim 1, wherein the material not dissolving out into the liquid fuel is coated onto the at least one sliding surface.

10 7. A fuel container for a fuel cell according to claim 6, wherein the material not dissolving out into the liquid fuel is polytetrafluoroethylene.

8. A fuel container for a fuel cell according to claim 6, wherein the material not dissolving out into the liquid fuel
15 is diamond-like carbon.

9. A fuel container for a fuel cell according to claim 1, wherein, with compressed gas stored in the discharge means accommodating chamber, a back pressure is imparted to the partition wall member.

20 10. A fuel container for a fuel cell according to claim 9, wherein the liquid fuel chamber and the compressed gas chamber are disposed adjacent each other.